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In the Claims

Claims 1 to 26 stand of record in the case.

Please enter claims as follows:

Explanation of Amendments in the Claims:

CLAIMS:

Cancel claims 1 to 19.

20. (amended) A shelving rack comprising:

a frame structure including two generally vertical rear legs and two generally vertical front legs with the front legs arranged at a front of the rack and spaced by a width of the rack and the rear legs arranged at the rear of the rack and spaced by the width of the rack, the front legs being spaced from the rear legs by a depth of the rack;

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a plurality of shelves arranged one above the next with above one another and each having a width substantially equal to the width of the rack and a depth between a front edge and a rear edge substantially equal to but greater than the depth of the rack;

each shelf being supported at the front edge by a respective one of a plurality of front transverse shelf support beams connected across the front legs so the weight from the front edge of each shelf is carried by the front legs;

each shelf having a shelf plane being inclined upwardly and rearwardly from the front edge toward the rear edge which is elevated;

each shelf being supported at the rear edge by a respective one of a plurality of rear transverse shelf support beams connected across the rear legs so the weight from the rear edge of each shelf is carried by the rear legs;

each of the front support beams and the rear support beam including a front support receptacle for the respective edge of the respective shelf, each front

support receptacle being formed by a horizontal surface and a rearwardly facing vertical surface forming a right angle th rebetween;

each of the rear support beams including a rear support receptacle for the respective edge of the respective shelf, each rear support receptacle being formed by a horizontal surface and a forwardly facing vertical surface forming a right angle therebetween;

the front edge of each shelf engaging into the respective front support receptacle of the respective front support beam

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the each shelf having at the rear edge thereof a downwardly turned rear edge portion extending across the width of the shelf and arranged at an angle to the shelf plane so as to extend downwardly from the shelf plane into the respective rear receptacle of the respective rear support beam.

21. (amended) The shelving rack according to Claim 20 wherein the each shelf includes a plurality of longitudinally-spaced stiffener members each extending from the front edge to the downwardly turned rear edge portion, the stiffener members being arranged at positions spaced across the width of the shelf.

22. (amended) The shelving rack according to Claim 20 wherein each stiffened stiffener member is of reduced height at the front edge of the respective shelf to engage into the respective receptacle of the respective front support beam.

Cancel claims 23, 24 and 25.

26. (amended) The shelving rack according to Claim 20 wherein the each rear support beam is located at a height above the respective front support beam.

27. (new) A shelving rack comprising:

a frame structure including two generally vertical rear legs and two generally vertical front legs with the front legs arranged at a front of the rack and spaced by a width of the rack and the rear legs arranged at the rear of the rack and spaced by the width of the rack, the front legs being spaced from the rear legs by a depth of the rack;

a plurality of shelves arranged above one another and each having a width substantially equal to the width of the rack and a depth between a front edge and a rear edge substantially equal to the depth of the rack;

each shelf being supported at the front edge by a respective one of a plurality of front transverse shelf support beams connected across the front legs so the weight from the front edge of each shelf is carried by the front legs;

each shelf having a shelf plane being inclined upwardly and rearwardly from the front edge toward the rear edge;

each shelf being supported at the rear edge by a respective one of a plurality of rear transverse shelf support beams connected across the rear legs so the weight from the rear edge of each shelf is carried by the rear legs;

each of the front support beams including a front support receptacle for the respective edge of the respective shelf, each front support receptacle being formed by a horizontal surface and a rearwardly facing vertical surface forming a right angle therebetween;

each of the rear support beams including a rear support receptacle for the respective edge of the respective shelf, each rear support receptacle being formed by a

horizontal surface and a forwardly facing vertical surface forming a right angle therebetween;

the front edge of each shelf engaging into the respective front support receptacle of the respective front support beam

each shelf being bent adjacent a rear edge thereof to form a downwardly turned rear edge portion extending across the width of the shelf and arranged at an angle to the shelf plane so as to extend downwardly from the shelf plane;

and each shelf having the rear edge thereof at the bottom of the rear edge portion engaging into the respective rear receptacle of the respective rear support beam.

28. (new) The shelving rack according to Claim 27 wherein each shelf includes a plurality of stiffener members each extending from the front edge to the downwardly turned rear edge portion, the stiffener members being arranged at positions spaced across the width of the shelf.

29. (new) The shelving rack according to Claim 27 wherein each stiffener member is of reduced height at the front edge of the respective shelf to engage into the respective front receptacle of the respective front support beam.

30. (new) The shelving rack according to Claim 27 wherein each rear support beam is located at a height above the respective front support beam.

31. (new) A shelving rack comprising:

a frame structure including two generally vertical rear legs and two generally vertical front legs with the front legs arranged at a front of the rack and spaced by a width of the rack and the rear legs arranged at the rear of the rack and spaced by

the width of the rack, the front legs being spaced from the rear legs by a depth of the rack;

a plurality of shelves arranged above one another and each having a width substantially equal to the width of the rack and a depth between a front edge and a rear edge substantially equal to the depth of the rack;

each shelf being supported at the front edge by a respective one of a plurality of front transverse shelf support beams connected across the front legs so the weight from the front edge of each shelf is carried by the front legs;

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each shelf having a shelf plane being inclined upwardly and rearwardly from the front edge toward the rear edge;

each shelf being supported at the rear edge by a respective one of a plurality of rear transverse shelf support beams connected across the rear legs so the weight from the rear edge of each shelf is carried by the rear legs;

each of the front support beams including a front support receptacle for the respective edge of the respective shelf, each front support receptacle being formed by a horizontal surface and a rearwardly facing vertical surface forming a right angle therebetween;

each of the rear support beams including a rear support receptacle for the respective edge of the respective shelf, each rear support receptacle being formed by a horizontal surface and a forwardly facing vertical surface forming a right angle therebetween;

the front edge of each shelf engaging into the respective front support receptacle of the respective front support beam

each shelf being formed from wire mesh with longitudinal wires extending across the depth of the shelf from the front edge to the rear edge and transverse wires extending across the width of the shelf;

each shelf having the longitudinal wires thereof bent adjacent a rear edge of the shelf to form a downwardly turned rear edge portion of the shelf extending across the width of the shelf and arranged at an angle to the shelf plane so as to extend downwardly from the shelf plane;

and each shelf having the longitudinal wires at the rear edge thereof at the bottom of the rear edge portion engaging into the respective rear receptacle of the respective rear support beam.

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32. (new) The shelving rack according to Claim 31 wherein each shelf includes a plurality of stiffener members each extending from the front edge to the downwardly turned rear edge portion, the stiffener members being arranged at positions spaced across the width of the shelf.

33. (new) The shelving rack according to Claim 31 wherein each stiffener member is of reduced height at the front edge of the respective shelf to engage into the respective front receptacle of the respective front support beam.

34. (new) The shelving rack according to Claim 31 wherein each rear support beam is located at a height above the respective front support beam.
